Chemchex™

PARAMCARE LIFE SCIENCES PVT. LTD.
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G6PD (Quantitative) Test Kit Photometric

INTERPRETATION OF RESULTS

AUTOMATED PARAMETERS	
Wavelength	340 nm
Measurement	Against Distilled Water
Cuvette	1 cm light path
Reaction Temperature	Room Temperature
Reaction Type	Kinetic
Reaction Direction	Increasing
Sample Volume	10 µl (0.01 ml)
Reconstituted Assay Reagent Volume	1.0 ml
Substrate Reagent Volume	2.0 ml
Delay/Lag/time	300 secs
Interval time	60 secs
No. of Readings	05
Factor	4839
Low Normal at 37°C	4.6 u/g Hb
High Normal at 37°C	13.5 u/g Hb
Linearity at 37°C	19.5 u/g Hb

MANUAL ASSAY PROCEDURE

Pipette into Test Tubes.

Addition Sequence	ML (µl)
Reconstituted Assay Reagent	1.0 ml (1000 µl)
Sample	0.01 ml (10 µl)
Mix well and incubate for 5 mins at 30°C & Immediately Add	
Substrate Reagent	2.0 ml (2000 µl)
Mix well and After 5 minutes read the absorbance (A_0) & repeat the absorbance reading after every 1,2,3,4,&5 min. Calculate Mean absorbance Change per min. (ΔA per min)	

Mix well and After 5 minutes read the absorbance (A0) & repeat the absorbance reading after every 1,2,3,4,&5 min.

SAMPLE DILUTIONS:

1. **This method is linear upto a concentration of 19.5 U/G Hb.**
2. **Dilute samples above this concentration 1:1 with 0.9% saline.**
3. **Repeat assay. Multiply the result by 2.**

contact@paramcarelifesciences.com

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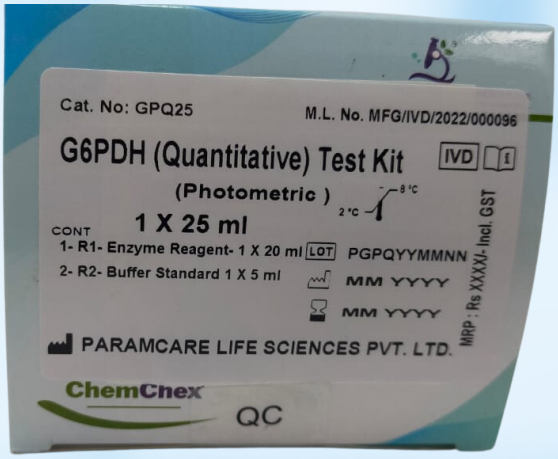

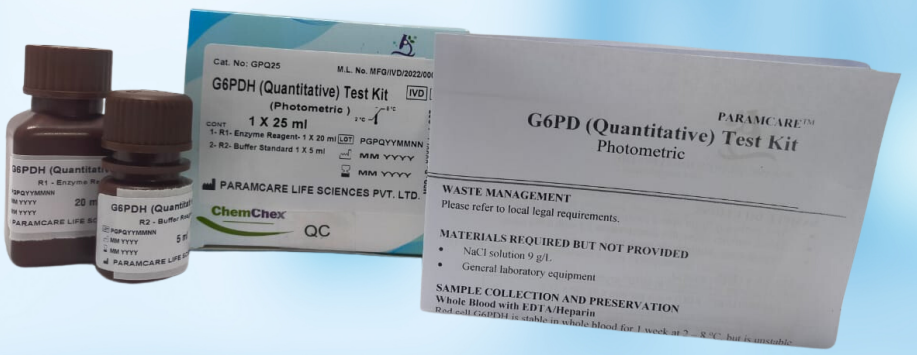

LINEARITY

This method is linear upto a concentration of 19.5 U/G Hb. Dilute samples above this concentration 1:1 with 0.9% saline. Repeat assay. Multiply the result by 2.

Corporate Office:-

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